[*English*]

Microwave Communication Links

*627. SHRI BHAGEY GOBARDHAN: Will the Minister of COMMUNICATIONS be pleased to state:

(a) the names of the new projects of micro-wave communication links under implementation during 1991-92 and those scheduled for 1992-93;

(b) whether the Government propose to provide more such facilities in areas comprising of hilly and difficult terrains; and

(c) if not, the alternative arrangement proposed for maintaining uninterrupted telecommunication services?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI RAJESH PILOT): (a) The names of new projects to provide microwave communication links (including UHF schemes), under implementation during 1991-92 and those scheduled for 1992-93 are given in statement - I and II respectively.

(b) Yes, Sir.

(c) Does not arise.

STATEMENT

Microwave Schemes for Commissioning During 1991-92

S.No.	*Route*
1	*2*
1.	Bhadewan—Alambagh
2.	Bhadewan—Kesarbagh
3.	Kaisarbagh—Mahanagar
4.	Calcutta—Sambalpur
5.	Bargarh—Bolangir
6.	Bolanagir—Sambalpur
7.	Darjeeling—Gangtok
8.	Deoria—Gorakhpur
9.	Varanasi—Mau
10.	Jaipur—Kota—Indore
11.	Dehradun—Sarkanda
12.	Jallundur—Kapurthala
13.	Moradabad—Landsdown
14.	Nainital—Bareilly
15.	Simla—Chandigarh
16.	Kohima MW—KOH.XGE
17.	Ernakulam—Aroor
18.	Ernakulam—Cochin
19.	Ernakulam—Kalamasseri
20.	Ernakulam—Panampalinagar
21.	Ernakulam—Tripunitura
22.	Mangalore—Ullai
23.	Saifabad—Nacharam
24.	Coimbatore—Polachi
25.	Madurai—Polachi

S.No.	*Route*
1	*2*
26.	Calicut—Mangalore
27.	Khammam—Kodad
28.	Kurnool—Nandyal
29.	Madras Telephones
30.	Dhulia—Nagpur
31.	Indore—Ujjain
32.	Panjim—Madgaon
33.	Panjim-Mapusa
34.	Pune—Mahabaleshwar
35.	Raipur—Bilaspur
36.	Rajkot—Junagarh

60 & 120 Channel UHF System During 1991-92

S.No.	*Route*	*Circle*
1.	Mehboobnagar—Nagar Kurnool	Andhra Pradesh
2.	Warangal—Jangaon	—do—
3.	Hyderabad—Bolangir	—do—
4.	Chilakalurpet—Sethapalli	—do—
5.	Hyderabad—Madchal	—do—
6.	Vikarabad—Vedaranyam	—do—
7.	Nalgonda—Maryalgonda	—do—
8.	Golaghat—Sarupathar	Assam
9.	Jorhat—Kamalbari	—do—
10.	Jorhat—Tuli	—do—
11.	Digboi—Margharetta	—do—
12.	Dibrugarh—Dimaji	—do—
13.	Oninam—Thoubal	—do—

S.No.	*Route*	*Circle*
1	*2*	*3*
14.	Baroda—Kawadi Coloney	Gujarat
15.	Udhampur—Batote	Jammu & Kashmir
16.	Pandharpur—Sholapur	Maharashtra
17.	Akola—Buldana	—do—
18.	Jabbalpur—Mandla	—do—
19.	Akola—Karanja	—do—
20.	Jabbalpur—Narsingpur	Madhya Pradesh
21.	Indore-Pithampur	—do—
22.	Katni—Shahdol	—do—
23.	Beora—Rajgarh	—do—
24.	Narsigpur—Piparia	—do—
25.	Shillong Eac—Mawklot—Shillong	North East
26.	Shillong—Garhikhana	—do—
27.	Shillong—Umpling	—do—
28.	Bolangir—Titlagarh	Orissa
29.	Titlagarh—Bhaeanipatna	—do—
30.	Malkangiri—Balimela	—do—
31.	Cutt-ach—Jagatsingpur	—do—
32.	Chandigarh—Nangal	Punjab
33.	Chandigarh—Chandimandir	—do—
34.	Ludhiana—Halwara (R&G)	—do—

S.No.	*Route*	*Circle*
1	*2*	*3*
35.	Theni—Kumbum	Tamil Nadu
36.	Madurai—Usilupatti	—do—
37.	Khurja—Dibai	Uttar Pradesh
38.	Bareilly—Aonla (R&G)	—do—
39.	Surkanda—New Tehri	—do—
40.	Surkanda—Uttarkashi	—do—
41.	Champadanga—Chandranagar	West Bental
42.	Canning—Narendrapur	—do—
43.	Raiganj—Balurghat	—do—

30 Channel Digital UHF System During 1991-92

S.No.	*Route*	*Circle*
1	*2*	*3*
1.	Tenali-Repalli	Andhra Pradesh
2.	Palakole-Razole	Andhra Pradesh
3.	Godhra-Halol	Gujarat
4.	Surat-Mandvi	Gujarat
5.	Surat-Sachin	Gujarat
6.	Rewari-Dharuhera	Haryana
7.	Perla-Kasargode	Karnataka
8.	Bangalore-Naa-BG DOT	Karnataka
9.	Idukki-Nedumgadem	Kerala

S.No.	*Route*	*Circle*
1	*2*	*3*
10.	Chinchwad-Pirangut	Maharashtra
11.	Mahul-Thane	Maharashtra
12.	Achalpur-Amrauti	Maharashtra
13.	NagpurM/W-Sonegaon A/F	Maharashtra
14.	Madgaon-Canacona	Maharashtra
15.	Mobor-Verca	Maharashtra
16.	Khadagvasla-Pune	Maharashtra
17.	Loni-Pune	Maharashtra
18.	Chirawa-Khetrinagar	Rajasthan
19.	Salem-Yarchand	Tamil Nadu
20.	Loni-Noida	Uttar Pradesh
21.	Coochbehar-Dinahata	West Bengal

STATEMENT - II

Microwave Schemes for Commissioning During 1992-93

Annexure II

S. No.	*Route*
1	*2*
1.	Guwahati-Drgasarobar
2.	Cuttack-Chowdar
3.	Cuttack-Sambalpur
4.	Cuttack-Naltigiri
5.	Darjeeling-Kalimpong
6.	Faizabad-Gonda
7.	Mau-Azamgarh
8.	Raigarh-Bargarh
9.	Taktichu-Phuntsholin
10.	New Delhi-Ambala
11.	Agra-Itawah

S. No.	Route
1	2
12.	Jallundhur-Hosiarpur
13.	Shimla-Mandi
14.	Silchar-Aizwal
15.	Guntakal-Hubli
16.	Ernakulam-Iddukki
17.	Kottyam-Pallai
18.	Mysore-Ooty
19.	Thiruvella-Kottayam
20.	Bangalore Telephones
21.	Bombay-Dhulia
22.	Nagpur-R.Pur-Sbl.Pur
23.	Manavdwar-Porbundar
24.	Baramati-Palton

120 Channel Digtal UHF Systems During 1992-93

Sl. No.	Route	Circle
1	2	3
1.	Hyderabad-Medchal	Andhra Pradesh
2.	Hyderabad-Vikrabad	Andhra Pradesh
3.	Jagttal-Nachpali-Karim Nagar	Andhra Pradesh
4.	Dhemaji-Dibrugarh	Assam
5.	Dispur-Durgasarobar	Assam
6.	Hojai-Nowgaon	Assam
7.	Nalbari-Barpetta	Assam
8.	Shillong-Mawpat-Gorikhana	Assam
9.	Dhanbad-K'Garh-Sinidhi	Bihar
10.	Dhanbad-Loyabad	Bihar
11.	Hzaribag-Barhi-J.Talaiya	Bihar
12.	Ranchi-Baragaon-Ramgarh	Bihar

Sl. No.	*Route*	*Circle*
1	*2*	*3*
13.	Bulsar-Dharampur	Gujarat
14.	Dhoraji-Upleta	Gujarat
15.	Una-Jafrabad	Gujarat
16.	Charkhidadri-Bhiwani	Haryana
17.	Hissar-Uklana-Tohana	Haryana
18.	Kundli-Sonipat	Haryana
19.	Kurukshetra-Ladwa	Haryana
20.	Dharamsala-R-Nurpur	Himachal Pradesh
21.	Shimla-Nihri-Sunder Nagar	Himachal Pradesh
22.	Udhampur-Narota-Batot	Jammu & Kashmir
23.	Hubli-Lalhatti-Dandeli	Karnataka
24.	Hubli-Nandikatta-Sirsi	Karnataka
25.	Puttur-Ballipadi-Suriya	Karnataka
26.	Cannanore-Matanore	Kerala
27.	Ernakullam-Narakal	Kerala
28.	Sagar-Tikamgarh	Madhya Pradesh
29.	Daund-Yawat-Pune	Maharashtra
30.	Fountain-Sewa	Maharashtra
31.	Fountain-Uran	Maharashtra
32.	Karmala-Madha-Mhol-Solapur	Maharashtra
33.	Latur-Udgir-Ahmdpur	Maharashtra
34.	Nava-Fountain	Maharashtra

Sl. No.	*Route*	*Circle*
1	*2*	*3*
35.	Nava-Turbe	Maharashtra
36.	Pune-Chakan-Rajgurunagar	Maharashtra
37.	Pune-Loni-Urlikanchan	Maharashtra
38.	Pune-R-R-R-Junar	Maharashtra
39.	Garikhana-Shillong	North East
40.	Shillong (Tax)-Umpling (RLU)	North East
41.	Govindapalli-R-R-Joypore	Orissa
42.	Rajgangpur-Rourkela	Orissa
43.	Bhatinda-R-Mansa	Punjab
44.	Chandigarh-R-Nangal	Punjab
45.	Ludhiana-Samrala	Punjab
46.	Alwar-Khairtal	Punjab
47.	Kuchawan City-Makrana-JP	Rajasthan
48.	Mount Abu-Abu Road	Rajasthan
49.	Neem Ka Thana-Srimadhopur	Rajasthan
50.	Arkonam-Kancheepuram	Tamil Nadu
51.	Madurai-Premakudi	Tamil Nadu
52.	Madurai-Usilampatti	Tamil Nadu
53.	Tiruthiraipundi-Tiruvarur	Tamil Nadu
54.	Amroha-Moradabad	Uttar Pradesh
55.	Anandnagar-Maharaj Nagar	Uttar Pradesh

Sl. No.	Route	Circle
1	2	3
56.	Dibai-Khurja	Uttar Pradesh
57.	Gorakhpur-Anand Nagar	Uttar Pradesh
58.	Hatta-Deoria	Uttar Pradesh
59.	Jhansi-Jhansi Bhel	Uttar Pradesh
60.	Mughalsarai-Varanasi	Uttar Pradesh
61.	Bankura-Gangajalhati	West Bengal
62.	Bankura-Khatara	West Bengal
63.	Canning-Narendrapur	West Bengal
64.	J' Talaiya-Hazaribagh	West Bengal

30 Channel Digital UHG Systems During 1992-93

S. No.	Route	Circle
1	2	3
1.	Hyderabad-Ibrahimpatnam	Andhra Pradesh
2.	Kammam-Yallandu	Andhra Pradesh
3.	Kothagudam-Polancha	Andhra Pradesh
4.	N.K. Srisailam	Andhra Pradesh
5.	Tandur-Vikarabad	Andhra Pradesh
6.	Marigaon-R/R-Nagaon	Assam
7.	Silchar-Virangte	Assam
8.	Bagaha-Inglishia-Bettia	Bihar
9.	Bengari-D-Ngr-Sasaram	Bihar
10.	Biharsharief-Nalanda	Bihar

S. No.	*Route*	*Circle*
1	*2*	*3*
11.	Danapur KLY-Patna DOT	Bihar
12.	Dipatoli MLY-Ranchi DOT	Bihar
13.	Gaya-Rajgir	Bihar
14.	Hajipur-Vaishali	Bihar
15.	Jadugoda-Kishanganj	Bihar
16.	Jamshedpur-Jadugoda	Bihar
17.	Hazira-Surat	Gujarat
18.	Jamnagar-Samona	Gujarat
19.	Adampur-Hissar	Haryana
20.	Asandh-Karnal	Haryana
21.	Chikka-Kaithal	Haryana
22.	Ellenabad-Sirsa	Haryana
23.	Gurgaon-NUH	Haryana
24.	Jind-Safaidon	Haryana
25.	Kaithal-Pundri	Haryana
26.	Kalanwali-Sirsa	Haryana
27.	Kurukshetra-Nilokheri	Haryana
28.	Ratia-Fatehabad	Haryana
29.	Siwani-Tosham	Haryana
30.	Hiranagar-Kathua	Himachal Pradesh
31.	Nahan-Baraban-Pontasahib	Himachal Pradesh
32.	Ganderbal-Zarikhan-Kangan	Jammu & Kashmir

S. No.	*Route*	*Circle*
1	*2*	*3*
33.	Athni-Jamkhandi	Karnataka
34.	Bangalore DOT-Bangalore A/P	Karnataka
35.	Bellary-Seruguppa	Karnataka
36.	Beltangadi-Puttur	Karnataka
37.	BG DOT-Bangalore HAL ATC	Karnataka
38.	Bijapur-Indi	Karnataka
39.	Chamrajngr-Mysore	Karnataka
40.	Merc-ara-Somwarpet	Karnataka
41.	Raichur-Hirebodur-SH.Pur	Karnataka
42.	Raichur-Shaktinagar	Karnataka
43.	Adimalli-Iddukki	Kerala
44.	Idukki-Nedumgundam	Kerala
45.	Mannanihodi-S'Battery	Kerala
46.	Amiliya-Gajrahi	Madhya Pradesh
47.	Gajrahi-Hanumana	Madhya Pradesh
48.	Jiawan-Sajhar	Madhya Pradesh
49.	Mahasamund-Raipur	Madhya Pradesh
50.	Sajahar-Waidhawan	Madhya Pradesh
51.	Sajhar-Singrauli	Madhya Pradesh
52.	Chakan-Pune	Maharashtra
53.	Damod-Palasmal	Maharashtra
54.	Dehu RD-Pune S/C	Maharashtra

S. No.	*Route*	*Circle*
1	*2*	*3*
55.	Dhamod-Palasmal	Maharashtra
56.	Gorai-Kandivili	Maharashtra
57.	INS Shivaji-Lonawala	Maharashtra
58.	Mahul-Thane	Maharashtra
59.	Mahul-Thane Defence/Navy	Maharashtra
60.	Nagpur DOT-Nagpur Airport	Maharashtra
61.	Nagpour-Kelod-Pondoorna	Maharashtra
62.	Panjim-Sanquilim	Maharashtra
63.	Pulgaon-Wardha	Maharashtra
64.	Agartala DOT-Agartala A/P	Maharashtra
65.	Agartala-Teliamura	North East
66.	Aizwal-Bualpuri Sairany	North East
67.	Aizwal-Dartlong	North East
68.	Aizwal/Kolasib-Bairabi	North East
69.	Agartala-A 'M' Bari-Kamalpur	North East
70.	Dadengiri-Barakul-Tura	North East
71.	Abohar-Malaut	Punjab
72.	Kurukshetra-Nilokheri	Punjab
73.	Moga-Talwandibhai	Punjab
74.	Sangrur-Sunam	Punjab
75.	Churu-Baleri-Sardarshehr	Rajasthan
76.	Fathepur-Sikar	Rajasthan

S. No.	*Route*	*Circle*
1	*2*	*3*
77.	Kotputli-Shahpura	Rajasthan
78.	Annur-Coimbatore	Tamil Nadu
79.	Chengam-Tiruvanmallai	Tamil Nadu
80.	Madurai-N 'Kottai-B' Gundu	Tamil Nadu
81.	Neyveli-Virdachalam	Tamil Nadu
82.	Pariyakulam-Theni	Tamil Nadu
83.	Pattukottai-Piravurani	Tamil Nadu
84.	Almora-Kalimata-Ranikhet	Uttar Pradesh
85.	Anandnagar-Nautanwan	Uttar Pradesh
86.	Anandnagar-Sidharthnagar	Uttar Pradesh
87.	Anoopshehr-Dibai	Uttar Pradesh
88.	Bagpat-Baraut	Uttar Pradesh
89.	Bishalpur-Pilibhit	Uttar Pradesh
90.	Dibai-Narora	Uttar Pradesh
91.	Gorakhpur 17WNG-Gorakhpur DOT	Uttar Pradesh
92.	Gorakhpur-Hata-Pidrona	Uttar Pradesh
93.	Hapur-Pilakhua	Uttar Pradesh
94.	Jaunpur-Kanpur	Uttar Pradesh
95.	Jhansi-Parichha	Uttar Pradesh
96.	Lucknow DOT-Lucknow Airport	Uttar Pradesh
97.	Mawana-Meerut	Uttar Pradesh
98.	Meerut-Sardhana Army	Uttar Pradesh

S. No.	Route	Circle
1	2	3
99.	Muradnagar-Noida	Uttar Pradesh
100.	New Tehri-Tehri	Uttar Pradesh
101.	Pilibhit-Puranpur	Uttar Pradesh
102.	Sikndrabad XGE-Skdrabad SAT.	Uttar Pradesh
103.	Varanasi DOT-Varanasi A/P	Uttar Pradesh
104.	Berampur-Raghunathaganj	West Bengal
105.	Bangaon-Habra	West Bengal
106.	Burdwan-Galsi	West Bengal
107.	Burdwan-Guskara	West Bengal
108.	Burdwan-Jamalpur	West Bengal
109.	Burdwan-Satgachia	West Bengal
110.	Burdwan-Sehrabazar	West Bengal
111.	Coochbehar-Tufanganj	West Bengal
112.	Faraka-Malda	West Bengal
113.	Kakdweep-Kulpi	West Bengal
114.	Krishannagar-Mayapur	West Bengal
115.	Purulia-Raghunathapuraram	West Bengal
116.	Tarajeshwar-Champadanga	West Bengal

Dryland Farming

*628. KUMARI UMABHARTI: Will the Minister of AGRICULTURE be pleased to state:

(a) the steps proposed to be taken by the Government to encourage dryland farming in the country; and

(b) the Central assistance provided to